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**INDUSTRY STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GA/T 893-2010

**Terms for biometric recognition in security and protection
systems**

安防生物特征识别应用术语
(English Translation)

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Foreword

This standard was drafted in accordance with GB/T 1.1-2009 given rules.

This standard by the National Security Alarm System Standardization Technical Committee of biometric applications Technical Committee (SAC/TC100/SC2) and focal points.

This standard was drafted. Tsinghua University, Chinese Academy of Sciences Institute of Automation, Chinese Academy of Sciences Institute of Computing Technology, Beijing in the security shield Technology development company, First Research Institute of Ministry of Public Security, Shanghai Institute of Applied Physics, Beijing Pusai Ke Technology Co., Ltd., Shanghai Silver morning Intelligent Recognition Section Technology Co., Ltd., Hubei Dongrun Technology Co., Ltd., Changchun contemporary Information Industry Group Co., Ltd.

1 Scope

This standard specifies the biometric security system application terminology.

This standard applies to security systems, biometric applications.

2 Normative references

The following documents for the application of this document is essential. For dated references, only the dated version suitable for use herein Member. For undated references, the latest edition (including any amendments) applies to this document.

GA 773-2008 AFIS term SJ/T 11380-2008 automatic voiceprint identification (speaker recognition) Technical Specifications

3 Terms and Definitions

GA 773-2008, SJ/T 11380-2008 defined in the following terms and definitions apply to this document.

3.1 Biometrics generic term

3.1.1

Biometric biometriccharacteristic Physiological characteristics or behavioral characteristics of the human body. For example. the face, fingerprint, iris voiceprint like.

3.1.2

Biometric sample the use of biometric information or data collected biometric sensors, referred to the sample. For example. facial image, fingerprint images, iris images and voice.

3.1.3

Biometrics biometricrecognition the use of biometric identification process, usually containing biometric identification and biometric confirmation.

3.1.4

Biometric identification Query the database for biometric with the biometric input for comparison to determine the corresponding input of biometric identity unknown the process belongs to biometrics-to-many. Implement biometric identification system known as biometric identification systems.

3.1.5

Biometric confirm biometricverification Test whether the user is who they claim process, belonging to one of biometrics. For unknown identity of X, which claimed Identity as A, X in the database for the biometric identity of A for comparison, if the conditions set by the system to meet, accept, otherwise Refuse. Implement biometric confirmation system called the biometric verification system.

3.1.6

Biometric systems biometricrecognitionssystem Implement biometric technology system, usually divided into two categories. biometric identification systems and biometric verification system.